

Congress of the United States
Washington, DC 20515

June 24, 2016

The Honorable Tom Wheeler, Chairman
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

Dear Chairman Wheeler:

As the sponsors of the Wi-Fi Innovation Act, we have long supported efforts to meet the wireless needs of consumers by freeing up underutilized spectrum to maximize unlicensed use in the 5.9 GHz band. Just last month an industry report indicated that Americans consumed a record 9.6 trillion megabits of data in 2015, more than doubling the amount of data used in 2014. The demand for wireless spectrum cannot be understated, which is why we write to applaud your efforts to set further timelines and guidelines to ensure a robust spectrum testing process which will determine whether and how spectrum in this band can safely and efficiently be shared between incumbent users and unlicensed uses such as Wi-Fi.

Congress, the Federal Communications Commission (FCC), and the Department of Transportation must work together with industry to help meet this demand, while also ensuring that the transportation technologies utilizing this band can operate safely when such technology is deployed in the future. The public notice recently issued by the Commission sets forth clear guidelines to test prototype devices and most importantly, includes deadlines to complete testing by early 2017. We strongly encourage you to adhere to these timelines.

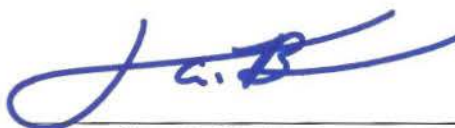
The 5.9 GHz band represents a unique opportunity to maximize the efficient use of a valuable resource. The FCC, along with relevant public and private sector stakeholders must seize this opportunity to conduct testing and find solutions to interference now. We urge the FCC to proceed expeditiously with collaborative testing to determine how unlicensed devices can coexist with existing users of the band. We are confident the FCC can identify and successfully resolve any potential interference issues through thorough analysis and testing, and we hope this process will ultimately unleash innovation, spur the economy, and expand Wi-Fi while protecting safety-of-life transportation systems. We commend Commissioners O'Reilly and Rosenworcel for their bipartisan leadership on this issue and their commitment to moving this process forward.

Thank you for your continued work and attention to this matter. We look forward to working with you to address the spectrum crunch and expand spectrum availability to support the growing wireless needs of consumers.

Sincerely,



Senator Marco Rubio



Senator Cory A. Booker

A stylized, cursive handwritten signature in blue ink, likely reading 'Darrell Issa', positioned above a horizontal line.

Representative Darrell Issa

A handwritten signature in blue ink that reads 'Doris Matsui' in a clear, slightly cursive script, positioned above a horizontal line.

Representative Doris Matsui

A handwritten signature in blue ink that reads 'Bob Latta' in a cursive script, positioned above a horizontal line.

Representative Bob Latta

A handwritten signature in blue ink that reads 'Anna G. Eshoo' in a cursive script, positioned above a horizontal line.

Representative Anna Eshoo



FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON

OFFICE OF
THE CHAIRMAN

September 13, 2016

The Honorable Marco Rubio
United States Senate
284 Russell Senate Office Building
Washington, D.C. 20510

Dear Senator Rubio:

I appreciate hearing from you again concerning the importance of maximizing spectrum use in the 5.9 GHz spectrum band. I share your interest in promoting efficient use of the 5.9 GHz band. An important part of this process is our collaborative work with our federal partners, the National Telecommunications and Information Administration (NTIA) and the Department of Transportation (DOT), to find the best method to deploy advanced automotive safety systems in this band, while working to meet existing and future demands for unlicensed spectrum.

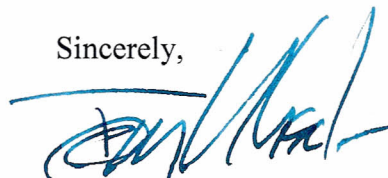
In June, the Commission unanimously adopted a Public Notice (PN) that puts in place a framework for further exploring unlicensed use of the 5.9 GHz band. The PN invites comment to update and refresh the record with regard to the potential for unlicensed devices to share spectrum with Dedicated Short Range Communications (DSRC) operations in the band. The PN also invites comment on the Commission's test plan for evaluating the potential for sharing and solicits submission of 5.9 GHz prototype unlicensed, interference-avoiding devices to the Commission for testing. We received a substantial number of technical comments and reply comments in response to the PN and are in the process of reviewing them. We have also begun to receive prototype devices and are coordinating with device manufacturers.

I have directed the Office of Engineering and Technology to move as expeditiously as possible to evaluate the record, obtain the appropriate prototypes, and initiate testing, with the goal of concluding this testing by January 15, 2017.

Thank you again for reaching out to me concerning your ongoing support for our work to maximize spectrum access. We are including your correspondence in the record of this rulemaking proceeding so it can be considered as part of the public record that informs our next steps.

Please do not hesitate to contact me if I can be of further assistance.

Sincerely,



Tom Wheeler



FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON

OFFICE OF
THE CHAIRMAN

September 13, 2016

The Honorable Corey Booker
United States Senate
359 Dirksen Senate Office Building
Washington, D.C. 20510

Dear Senator Booker:

I appreciate hearing from you again concerning the importance of maximizing spectrum use in the 5.9 GHz spectrum band. I share your interest in promoting efficient use of the 5.9 GHz band. An important part of this process is our collaborative work with our federal partners, the National Telecommunications and Information Administration (NTIA) and the Department of Transportation (DOT), to find the best method to deploy advanced automotive safety systems in this band, while working to meet existing and future demands for unlicensed spectrum.

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Tom Wheeler



FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON

OFFICE OF
THE CHAIRMAN

September 13, 2016

The Honorable Darrell Issa
U.S. House of Representatives
2269 Rayburn House Office Building
Washington, D.C. 20515

Dear Congressman Issa:

I appreciate hearing from you again concerning the importance of maximizing spectrum use in the 5.9 GHz spectrum band. I share your interest in promoting efficient use of the 5.9 GHz band. An important part of this process is our collaborative work with our federal partners, the National Telecommunications and Information Administration (NTIA) and the Department of Transportation (DOT), to find the best method to deploy advanced automotive safety systems in this band, while working to meet existing and future demands for unlicensed spectrum.

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FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON

OFFICE OF
THE CHAIRMAN

September 13, 2016

The Honorable Doris Matsui
U.S. House of Representatives
2311 Rayburn House Office Building
Washington, D.C. 20515

Dear Congresswoman Matsui:

I appreciate hearing from you again concerning the importance of maximizing spectrum use in the 5.9 GHz spectrum band. I share your interest in promoting efficient use of the 5.9 GHz band. An important part of this process is our collaborative work with our federal partners, the National Telecommunications and Information Administration (NTIA) and the Department of Transportation (DOT), to find the best method to deploy advanced automotive safety systems in this band, while working to meet existing and future demands for unlicensed spectrum.

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Tom Wheeler



FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON

OFFICE OF
THE CHAIRMAN

September 13, 2016

The Honorable Bob Latta
U.S. House of Representatives
2448 Rayburn House Office Building
Washington, D.C. 20515

Dear Congresswoman Latta:

I appreciate hearing from you again concerning the importance of maximizing spectrum use in the 5.9 GHz spectrum band. I share your interest in promoting efficient use of the 5.9 GHz band. An important part of this process is our collaborative work with our federal partners, the National Telecommunications and Information Administration (NTIA) and the Department of Transportation (DOT), to find the best method to deploy advanced automotive safety systems in this band, while working to meet existing and future demands for unlicensed spectrum.

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Tom Wheeler



FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON

OFFICE OF
THE CHAIRMAN

September 13, 2016

The Honorable Anna Eshoo
U.S. House of Representatives
241 Cannon House Office Building
Washington, D.C. 20515

Dear Congresswoman Eshoo:

I appreciate hearing from you again concerning the importance of maximizing spectrum use in the 5.9 GHz spectrum band. I share your interest in promoting efficient use of the 5.9 GHz band. An important part of this process is our collaborative work with our federal partners, the National Telecommunications and Information Administration (NTIA) and the Department of Transportation (DOT), to find the best method to deploy advanced automotive safety systems in this band, while working to meet existing and future demands for unlicensed spectrum.

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